

PROCEDURES

LEAKAGE / GENERAL

1.0 PURPOSE

It is the purpose of this section to provide minimum requirements and information on leakage detection equipment, leakage classification, leakage locating, and centering of leaks.

1.1 SCOPE

This section covers the following:

- A. Flame Ionization Unit
- B. Leakage Survey
- C. Combustible Gas Indicator
- D. Determining Leak Spread
- E. Leakage Grading
- F. Centering Leaks
- G. Marking Leaks
- H. Purging Bar Holes
- I. Leakage Investigation
- J. Soap Test

1.2 GENERAL

Two primary types of detection equipment are utilized for the determination of underground gas leakage.

1. The flame ionization unit is used to detect the presence of hydrocarbons and is calibrated to register the particular gas in parts per million.
2. The combustible gas indicator is used to classify gas leaks. The CGI or gas scope is calibrated to register percent of the L.E.L. and percent gas.